



LUXFER
MEL TECHNOLOGIES

Elektron[®] PTFE Powder

Granular polytetrafluoroethylene (PTFE) resin powder

Elektron PTFE Powder is a granular polytetrafluoroethylene (PTFE) resin powder produced specifically for defense applications. Our unique processing capabilities produce very consistent products lot-to-lot and drum-to-drum.

- Customized, high-performance, specialty powders
- Consistent lot-to-lot and drum-to-drum
- Used in the manufacture of countermeasure flares

Size:

- Powder can be produced with an average particle size from 450 to 800 μm
- Custom size distributions available
- D50 can be controlled within $\pm 25 \mu\text{m}$

Shape:

Non-rounded (Irregular)

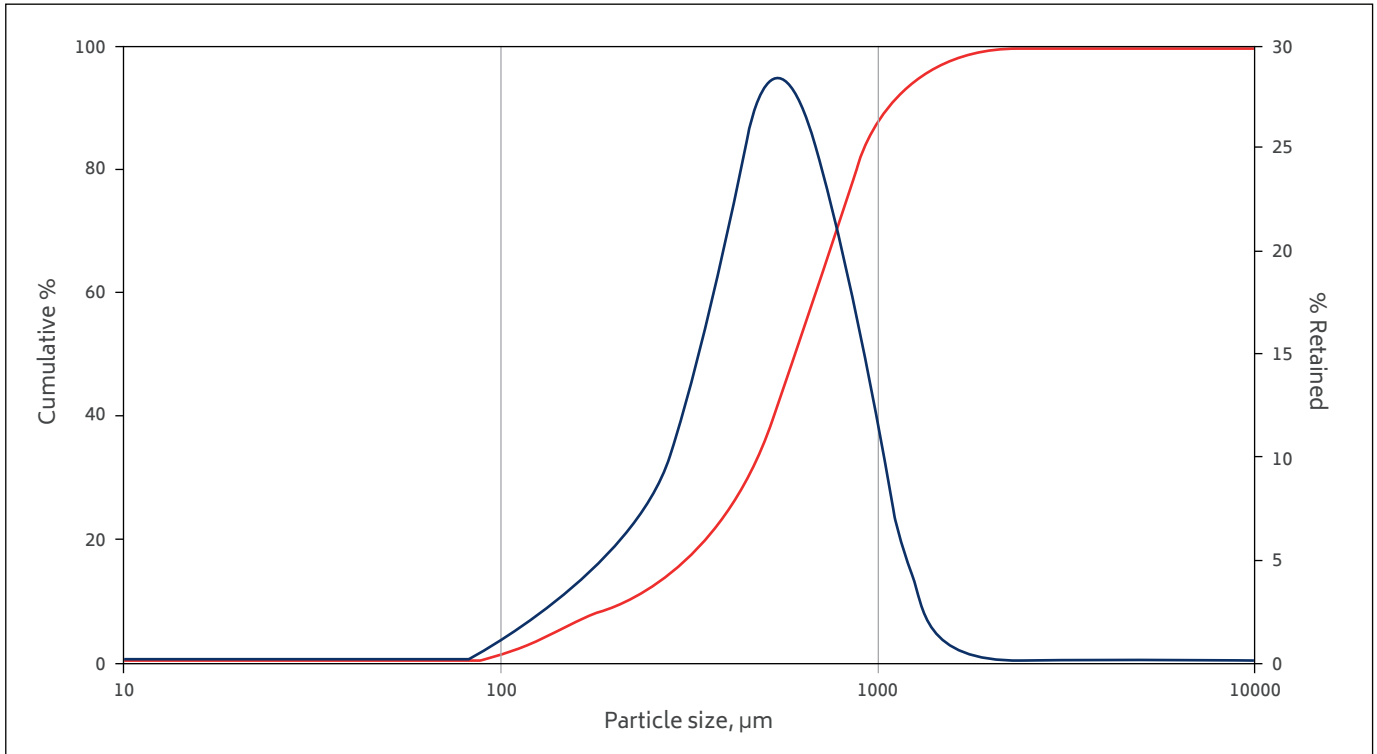


- ASTM D4894 Type I Grade 1 with exception to particle size, average diameter, and bulk density
- 100% Virgin PTFE
- Made in the USA
- Critical supplier to U.S. Department of Defense

Product	D50	Bulk density [g/mL]*	Shape
N500	500 ± 25 µm	0.54	Irregular
N550	550 ± 25 µm	0.55	Irregular
N600	600 ± 25 µm	0.55	Irregular
N650	650 ± 25 µm	0.56	Irregular
N700	700 ± 25 µm	0.56	Irregular
N750	750 ± 25 µm	0.57	Irregular

*Typical bulk density results.

Typical distribution curve



Discover more at
www.luxfermeltechnologies.com

† The information contained within is meant as a guideline only

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Luxfer MEL Technologies
 955 Saxonburg Boulevard, Saxonburg, PA 16056, United States
 T +1-855-589-3371
 E lmt.customerservicepowders@luxfer.com